Atty. Docket No. 980931B

DISCLOSURE
CITATION
PTO-1449

Filing Date: April 18, 2001

Group Art Unit: 2827

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA						
	AB						
	AC						
	AD						
	AE						

FOREIGN PATENT DOCUMENTS

	,	Document No.	Date	Country	Translation (Yes or No)
	AF				
-	AG				
	AH				

OTHER DOCUMENTS

	AI	Japanese Unexamined Patent Publication (Kokai) No. 08-167678 (English Abstract)
	AJ	Japanese Unexamined Patent Publication (Kokai) No. 05-283553 (English Abstract)
	AK	Japanese Unexamined Patent Publication (Kokai) No. 11-135560 (English Abstract).
	AL	Japanese Unexamined Patent Publication (Kokai) No. 11-233567 (English Abstract).
Examiner		Date Considered

"INFÓRMATION DISCLOSURE CITATION PTO-1449

Atty. Docket No. 980931B

Serial No. Div. of S.N. 09/335,878

Applicant(s): TANIGUCHI et al.

Filing Date: April 18, 2001 Group Art Unit: 2822

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
QUM	AA	5,976,912	Fukutomi et al.	11/02/99	438	110	(ii appropriate)
	AB	5,835,355	Dordi	11/10/98	257	688	
	AC	5,602,059	Horiuchi et al.	2/11/97	257	782	
	AD	5,973,404	Akram et al.	10/26/99	257	778	
	AE	5,612,576	Wilson et al.	3/18/97	257	666	
	AF	5,950,908	Fujino et al	9/14/99	257	782	
	AG	5,897,337	Kata eta 1.	4/27/99	438	114	
	АН	5,737,191	Horiuchi et al.	4/07/98	257	783	H
	AI	5,683,942	Kata et al.	11/04/97	257	682	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
 AJ				
 AK				
 AH				
 AI				
AJ				

OTHER DOCUMENTS

	AK				
	AL				
Examiner	Juras	y States	Date Considered	u/14/01	
		· t			

INFORMATION DISCLOSURE CITATION PTO-1449 Atty. Docket No. 980931B

Serial No. Div. of 09/335,878

Applicant(s):

TANIGUCHI, et al.

Filing Date: April 18, 2001

Group Art Unit: 2822

09/836182

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
gun	AA	5,490,324	Newman	2/96	438	118	(= uppropriate)
	AB	5,834,336	Maheshwari et al.	10/98	438	118	
	AC	4,483,067	Parmentier	11/84	438	126	
	AD	5,063,170	Geller et al.	11/91	438	125	
	AE	5,753,535	Ebihara	5/98	438	123	
	AF	5,731,21	Miyajima	3/98	438	123	
	AG	5,756,379	Haghiri-Tehrani	5/98	438	126	
	AH	5,746,390	Berg et al.	5/98	438	125	
	AI	5,874,784	Aoki et al.	2/99	438	124	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
AJ AK	4-148554	5/21/92	Japan	Yes-Abstract
AJ				

OTHER DOCUMENTS

				THER DOCUMEN	110	
	AK					
Examiner		Lague	Math	Date Considered	11/6/01	
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